Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011720\
Data File : VV014337.D
Acq On : 17 Jan 2020 14:48
Operator : SY/MD
Sample : L1169-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF767

Quant Time: Jan 17 23:55:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 17 22:51:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	789770	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	720465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	335232	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	224445	4.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.20%			
7) Chloroethane-d5	1.59	69	196860	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.13	63	276189	3.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.80%			
20) 2-Butanone-d5	3.93	46	628022	47.31	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.62%			
24) Chloroform-d	4.40	84	468846	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
26) 1,2-Dichloroethane-d4	5.08	65	239820	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
32) Benzene-d6	5.10	84	1039728	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.12	67	329549	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.36	98	923293	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
43) trans-1,3-Dichloropropene-	7.66	79	128782	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
46) 2-Hexanone-d5	8.13	63	567217	45.43	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.86%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	228176	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	304796	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
13) Acetone	2.19	43	41503	4.540	ug/L	94
17) Methyl tert-butyl Ether	2.80	73	19327	0.148	ug/L	96
25) Chloroform	4.43	83	37881	0.381	ug/L	97
42) Toluene	7.43	91	27443	0.117	ug/L	97
51) Chlorobenzene	8.92	112	184244	1.279	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	101258	0.966	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	177548	1.704	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	69712	0.737	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	61092	0.914	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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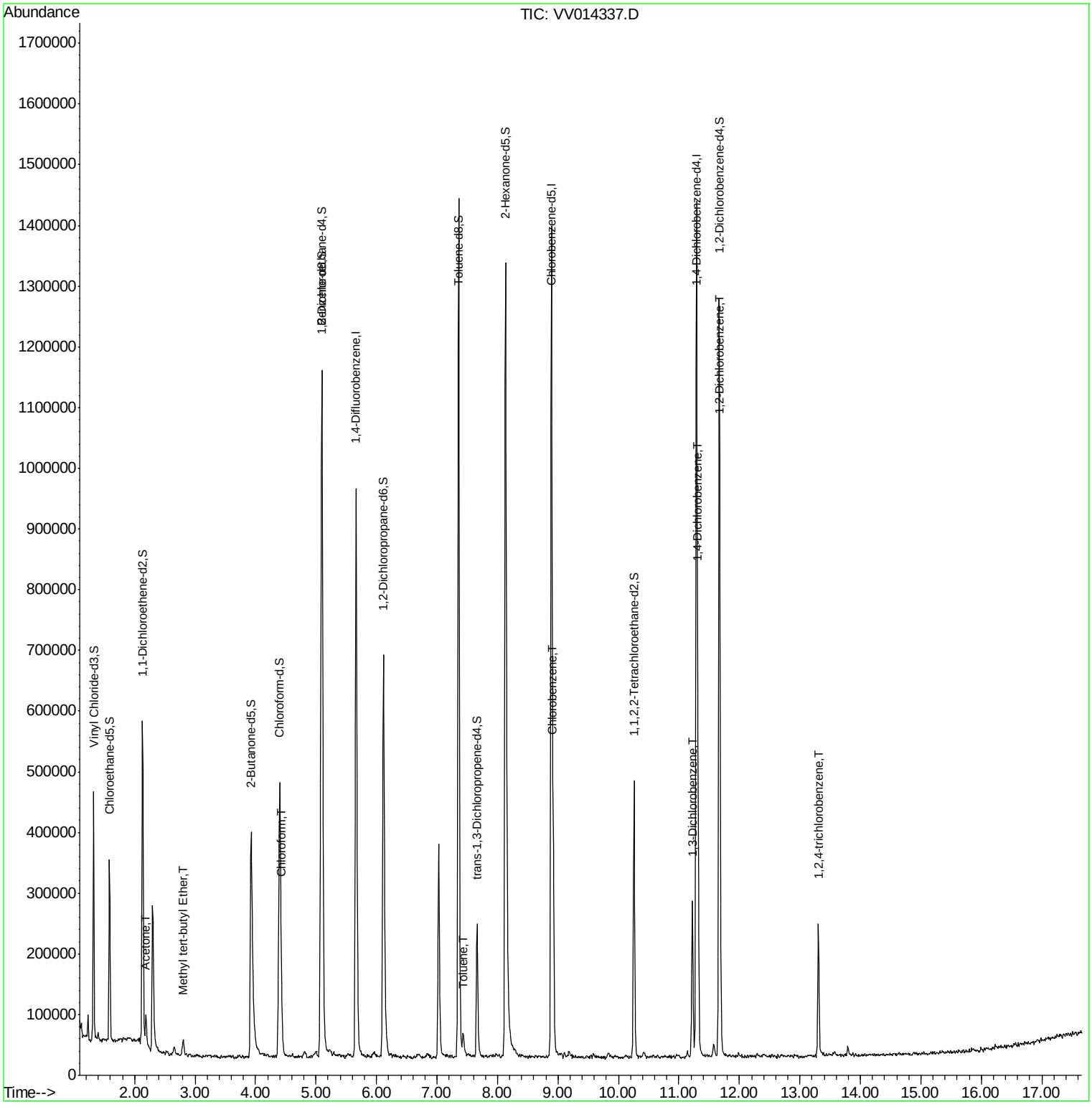
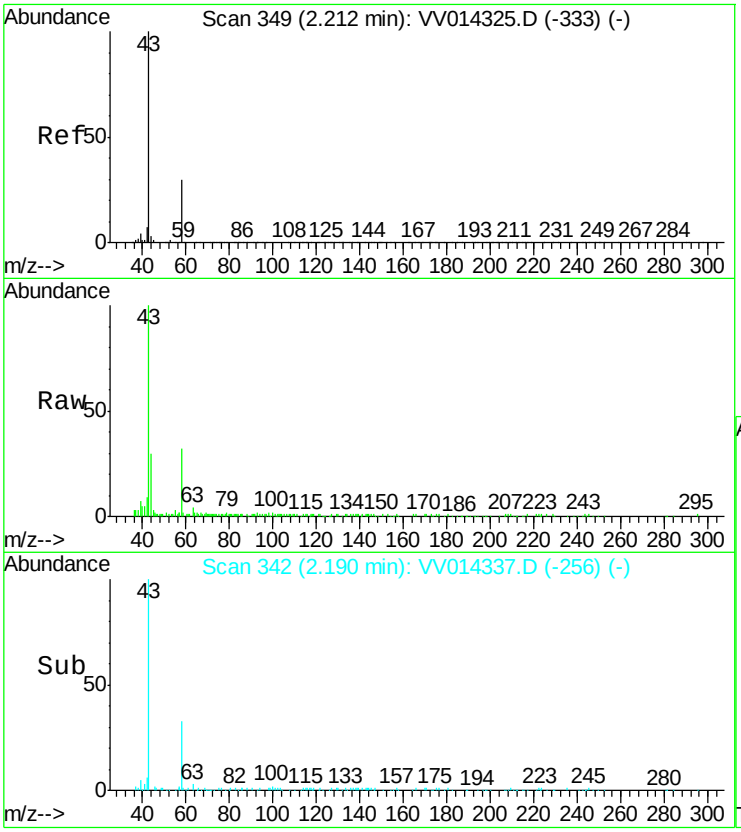
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 17 22:51:36 2020
Response via : Initial Calibration



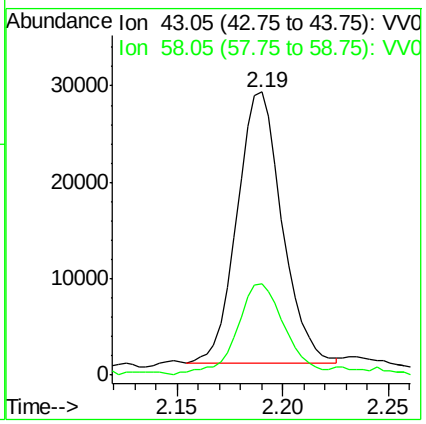


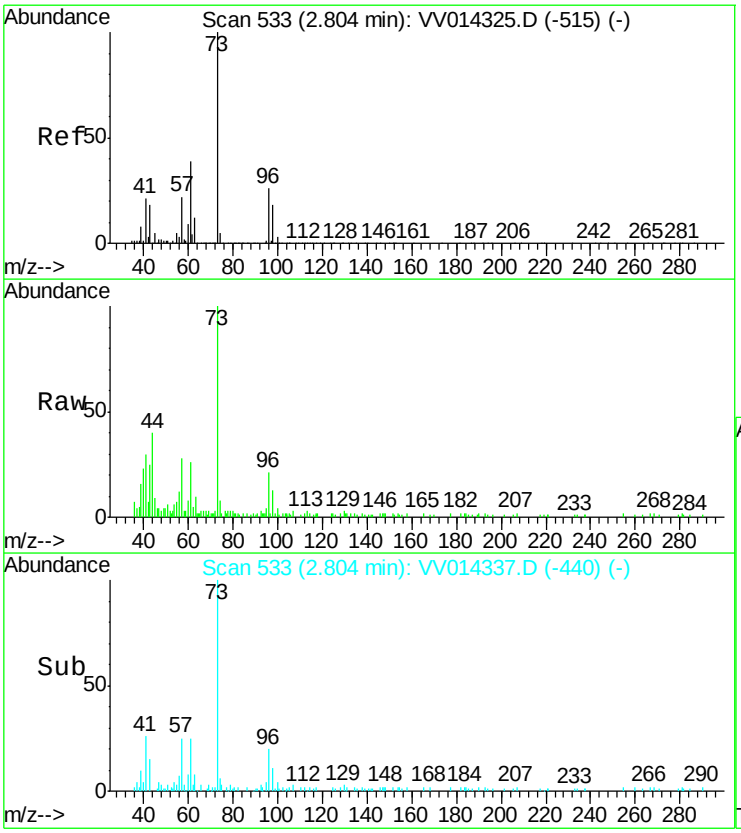
#13
Acetone
Concen: 4.540 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.02 min
Lab File: VV014337.D
Acq: 17 Jan 2020 14:48

Instrument : MSVOA_V
ClientSampleId : BF767

Tgt Ion: 43 Resp: 41503

Ion	Ratio	Lower	Upper
43	100		
58	36.4	0.0	66.0

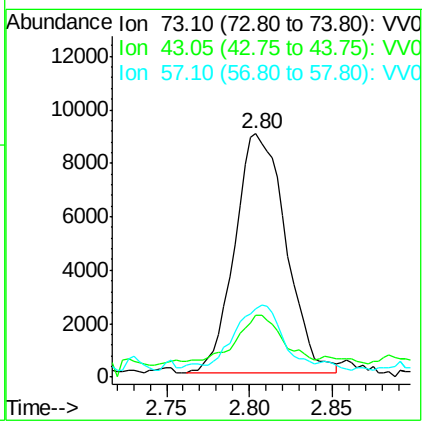


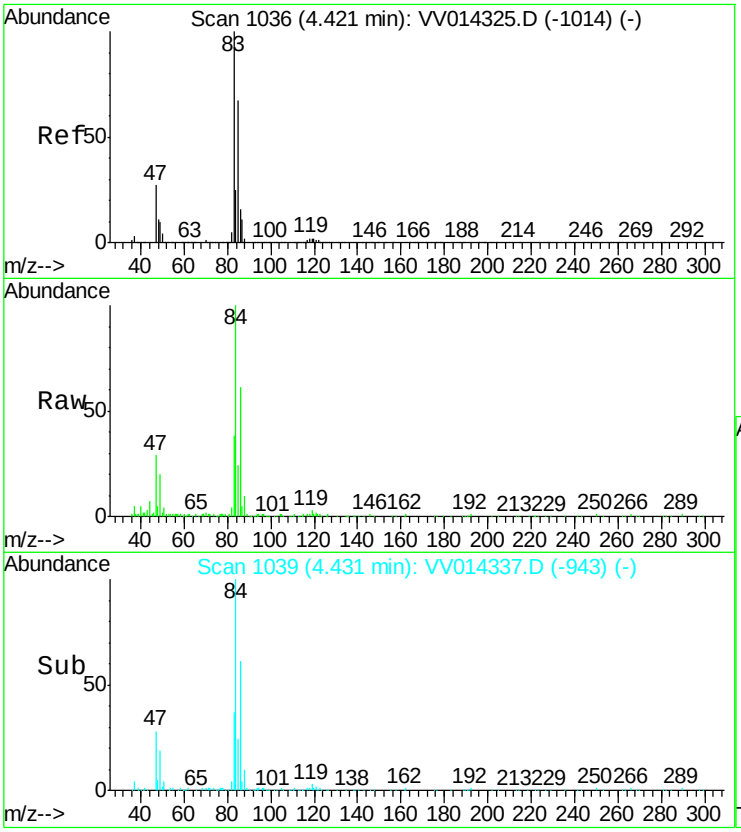


#17
Methyl tert-butyl Ether
Concen: 0.148 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV014337.D
Acq: 17 Jan 2020 14:48

Tgt Ion: 73 Resp: 19327

Ion	Ratio	Lower	Upper
73	100		
43	15.3	14.7	22.1
57	21.3	17.9	26.9



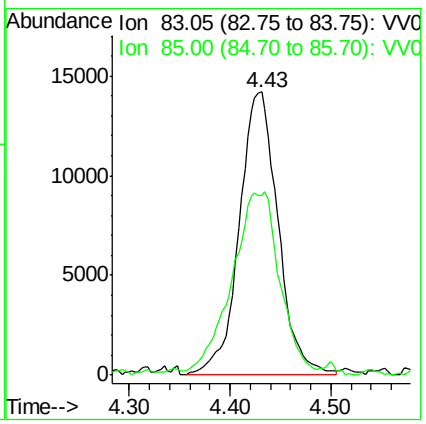


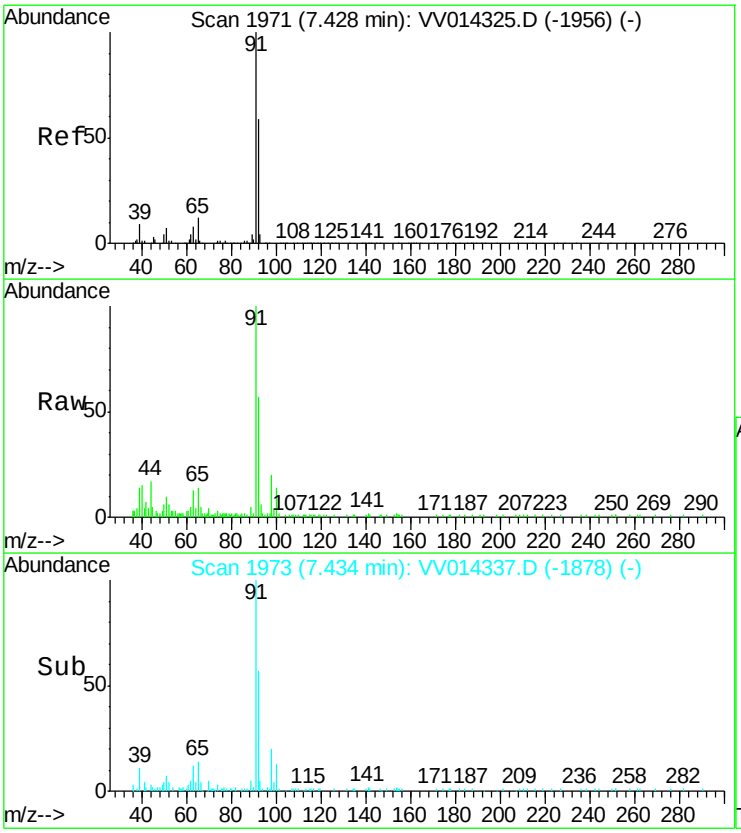
#25
Chloroform
Concen: 0.381 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV014337.D
Acq: 17 Jan 2020 14:48

Instrument : MSVOA_V
ClientSampleId : BF767

Tgt Ion: 83 Resp: 37881

Ion	Ratio	Lower	Upper
83	100		
85	63.6	46.2	85.8

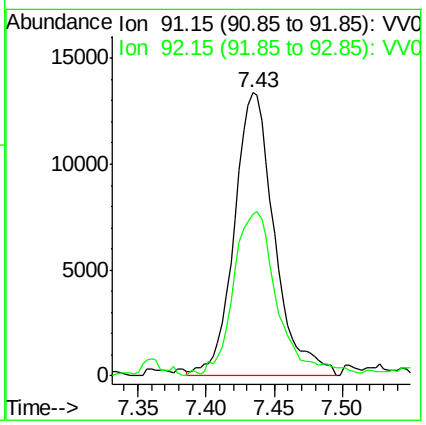


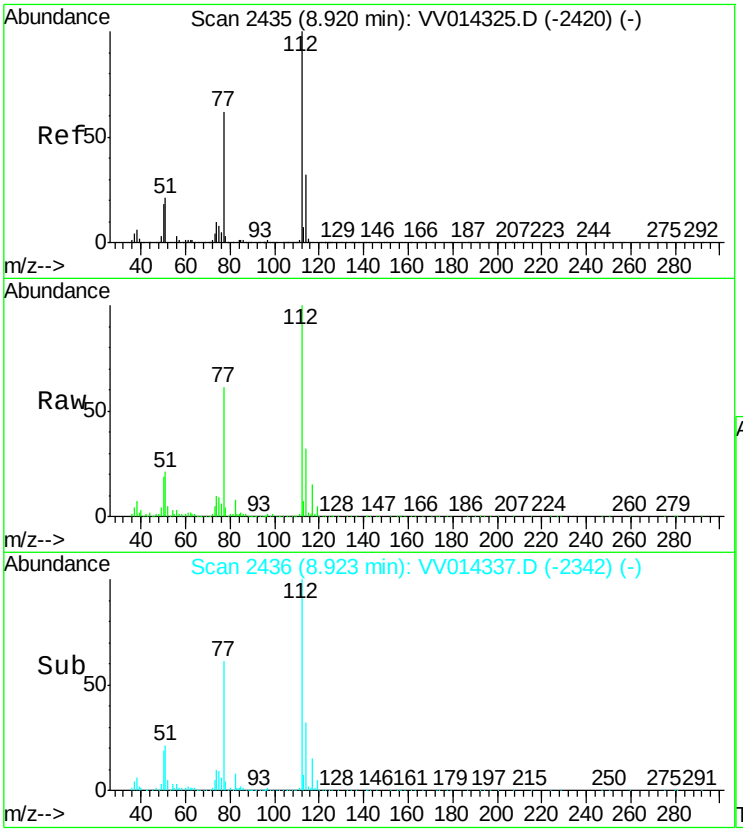


#42
Toluene
Concen: 0.117 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV014337.D
Acq: 17 Jan 2020 14:48

Tgt Ion: 91 Resp: 27443

Ion	Ratio	Lower	Upper
91	100		
92	57.0	41.2	76.6



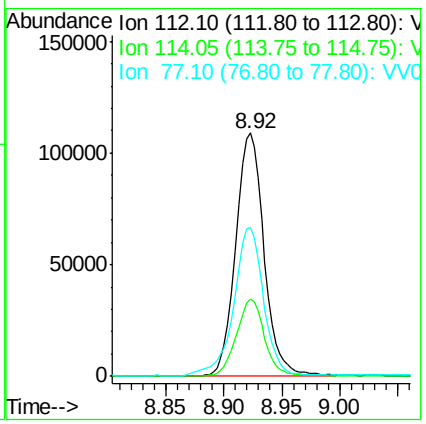


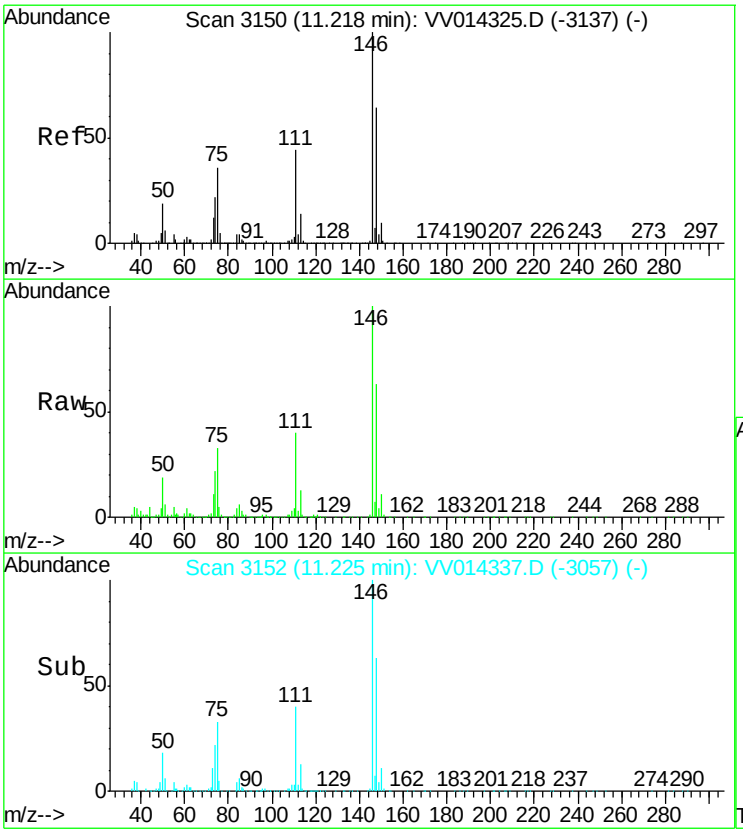
#51
Chlorobenzene
Concen: 1.279 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV014337.D
Acq: 17 Jan 2020 14:48

Instrument : MSVOA_V
ClientSampleId : BF767

Tgt Ion:112 Resp: 184244

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.5	41.7
77	61.3	49.3	73.9

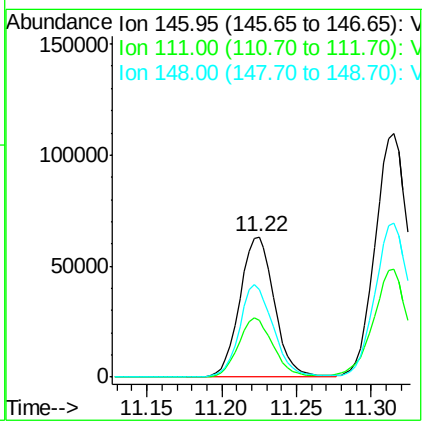


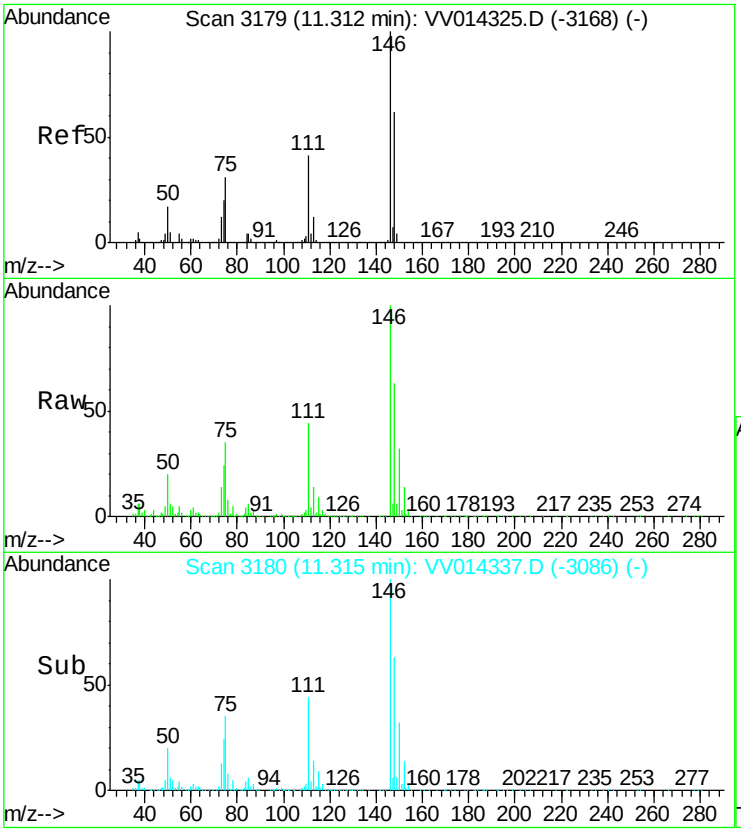


#62
1,3-Dichlorobenzene
Concen: 0.966 ug/L
RT: 11.22 min Scan# 3152
Delta R.T. 0.01 min
Lab File: VV014337.D
Acq: 17 Jan 2020 14:48

Tgt Ion:146 Resp: 101258

Ion	Ratio	Lower	Upper
146	100		
111	40.4	30.7	57.1
148	62.7	44.4	82.5



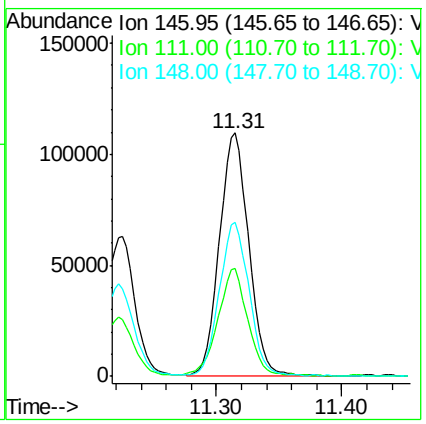


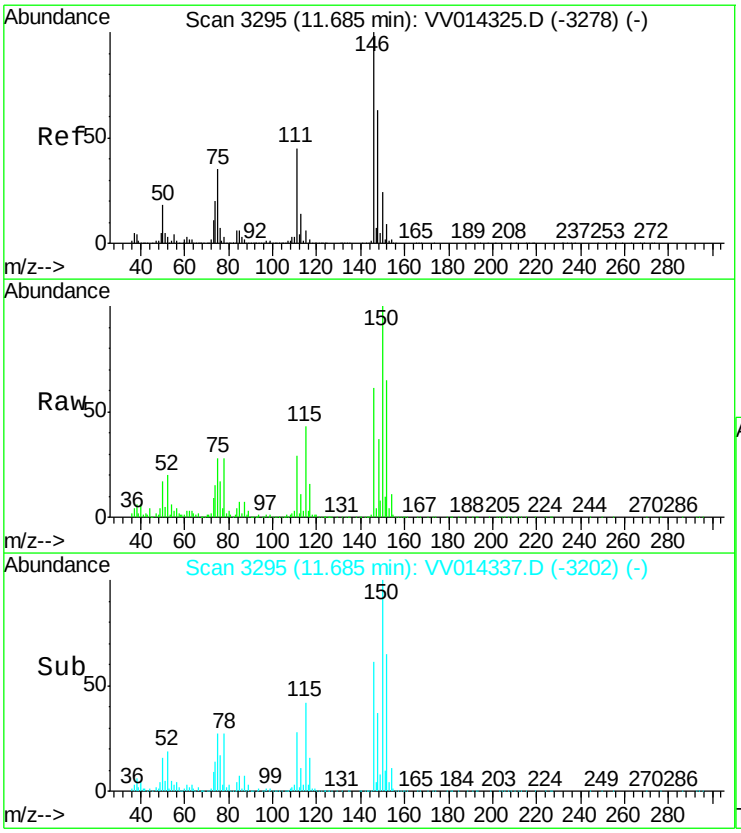
#63
1,4-Dichlorobenzene
Concen: 1.704 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV014337.D
Acq: 17 Jan 2020 14:48

Instrument : MSVOA_V
ClientSampleId : BF767

Tgt Ion:146 Resp: 177548

Ion	Ratio	Lower	Upper
146	100		
111	44.3	28.8	53.4
148	63.1	44.5	82.7

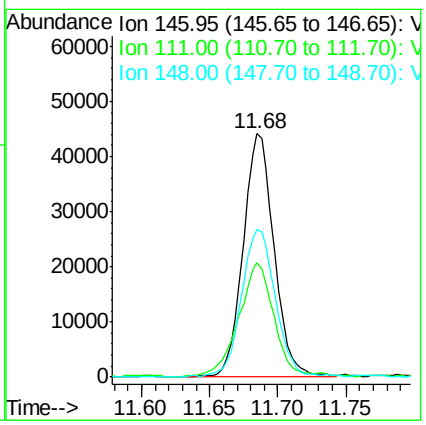


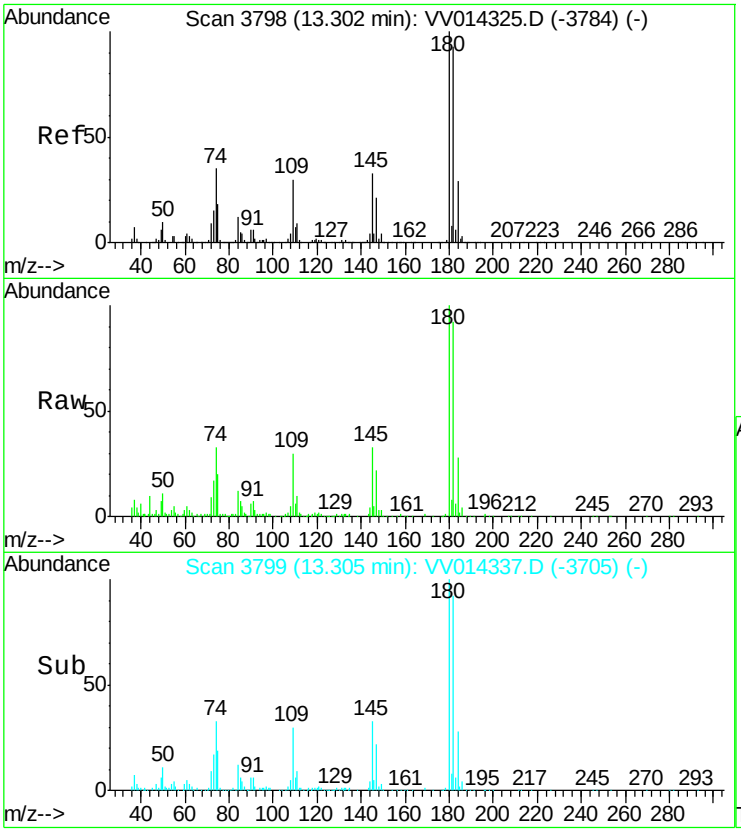


#65
1,2-Dichlorobenzene
Concen: 0.737 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. -0.00 min
Lab File: VV014337.D
Acq: 17 Jan 2020 14:48

Tgt Ion:146 Resp: 69712

Ion	Ratio	Lower	Upper
146	100		
111	47.1	36.4	54.6
148	60.6	51.3	76.9





#68
1,2,4-trichlorobenzene
Concen: 0.914 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. 0.00 min
Lab File: VV014337.D
Acq: 17 Jan 2020 14:48

Instrument :
MSVOA_V
ClientSampleId :
BF767

Tgt Ion:180 Resp: 61092

Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.2	112.8
145	35.4	26.2	39.4